

Date: Thu, 29 Sep 94 04:30:14 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #323
To: Ham-Digital

Ham-Digital Digest Thu, 29 Sep 94 Volume 94 : Issue 323

Today's Topics:

 BAYCOM & MUD
 EME digital link (2 msgs)
 operating system history..
 pactor question
 TNC (KPC-3 versus MFJ-1274C)
 UNIX to TNC setup
 WANTED: PROCOMM shareware src site
 X1JR2

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Sep 1994 14:40:44 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-
state.edu!hobbes.physics.uiowa.edu!news.uiowa.edu!icaen!drenze@network.ucsd.edu
Subject: BAYCOM & MUD
To: ham-digital@ucsd.edu

mmzaanen@cs.vu.nl (Zaanen van MM) writes:

>Hello,

>I want to start a MUD on packet radio. Now I'm looking for MUD source code,
>but all the code I can find are for TCP/IP. Is there a easy way to get
>a MUD at home. Now I'm using a BAYCOM modem, but TNC2 is ok too.

>Please mail.

>Menno

>mmzaanen@cs.vu.nl

Hate to tell you, but the *only* mud code you're going to find is for TCP/IP. Though there is one that works over Appletalk on the Mac, I guess (hadn't thought about that). You're either going to switch over to TCP/IP (easy) or totally rewrite the MUD driver (not so easy).

--

Doug Renze, N0YVW * drenze@isca.uiowa.edu * N0YVW @ W0IUQ.ia.usa.na
DRenze@aol.com

"Boom...sooner or later...BOOM!"

Date: Tue, 27 Sep 1994 13:53:57 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!torn!nott!cunews!
freenet.carleton.ca!FreeNet.Carleton.CA!ae517@network.ucsd.edu
Subject: EME digital link
To: ham-digital@ucsd.edu

In a previous article, elendir@enst.fr (Elendir) says:

> Well, that's just a weird idea.
> I was wondering about the possibility of setting up a 10 GHz/2 Mbauds EME
>link between the US and Europe.
> That'd be fantastic, wouldn't it ? Each time the moon would be up, we could
>transfer enormous amount of data...
>
> Let's assume a 10 W output and a 33 dB dish. Attenuation is something like
>280 dB ; so we get -237 dB. We have again the 33 dB gain, so it goes -204 dB
>or 446 pV sensitivity.
>
> That's tough, but why not ?

Date: Tue, 27 Sep 1994 15:36:25 GMT
From: ihnp4.ucsd.edu!pacbell.com!sgiblab!spool.mu.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!
quartz.ucs.ualberta.ca!gov.nt.ca!ve8ev@@.
Subject: EME digital link
To: ham-digital@ucsd.edu

In article <368pp8\$mn0@cismsun.univ-lyon1.fr> elendir@enst.fr (Elendir) writes:

> Well, that's just a weird idea.
> I was wondering about the possibility of setting up a 10 GHz/2 Mbauds EME
> link between the US and Europe.
> That'd be fantastic, wouldn't it ? Each time the moon would be up, we could
> transfer enormous amount of data...
>
> Let's assume a 10 W output and a 33 dB dish. Attenuation is something like
> 280 dB ; so we get -237 dB. We have again the 33 dB gain, so it goes -204 dB
> or 446 pV sensitivity.
>
> Vincent
> F1RCS - Worldwide Friendship through Amateur Radio
> ENST, Ecole Nationale Supérieure des Telecommunications, Paris

There's nothing weird about that at all. In the early 60's the US military ran a 4 channel multiplexed RTTY link between Washington and Honolulu via EME for several years although for a 2 Mbaud data rate I think you'd need a bit better link margin than you mentioned. I'm surprised that it hasn't been done already. With the current decline in the solar cycle one system like this would probably be able to handle 80% or more of the transatlantic packet traffic.

Any volunteers?

```
=====
John Boudreau VE8EV      INTERNET: ve8ev@amsat.org
Inuvik, NWT, CANADA      PACKET: VE8EV@KL7GNG.#NAK.AK.USA.NA
=====
```

Date: 28 Sep 94 20:27:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: operating system history..
To: ham-digital@ucsd.edu

> multitasking like RSX-11m, another CPM inspired OS.)
> 73 de KD3BJ (Chris Nadovich, chris@kd3bj.ampr.org)

I don't recall RSX being particularly derived or inspired from CPM...and i recall there was some way to handle directories and such on RSTS/E (around 1975 or so...it's been a while...).

the whole computing world didn't start with unix or CP/M.

and heck, PIP a problem, nayhh. in a way it was pretty neat...

bill wb9ivr

Date: 27 Sep 1994 23:11:17 -0500
From: cs.utexas.edu!not-for-mail@uunet.uu.net
Subject: pactor question
To: ham-digital@ucsd.edu

Could anyone point to a good reference on pactor?
TIA,
KG0T

Date: 28 Sep 1994 16:36:53 GMT
From: intac!usenet@uunet.uu.net
Subject: TNC (KPC-3 versus MFJ-1274C)
To: ham-digital@ucsd.edu

In article <1994Sep28.082904.2026@dxcern.cern.ch>, frode@dxcern.cern.ch (Frode Weierud) says:

>
>I am considering buying a TNC and would very much like
>your opinions, experiences, etc.
>
>I have read the QST review of different TNCs in Dec. 1993
>and I have narrowed my choice down to the KPC-3 or
>the MFJ-1274C.

I can't speak for the MFH-12745C, but I have been using an MFJ-1278-T (multi-mode TNC) for about 2 years, and it's worked flawlessly.

It came with a terrific 1.5" thick instruction manual detailing every aspect of operation, including installation instructions for several popular radios, as well as a complete guide to user alignment of the filters and modem.

I've dragged my MFJ TNC into the woods camping dozens of times now, operating it and my VHF rig on batteries without a single failure or complaint. I love it.

- 73 -
Thom / N2CBV

Date: Tue, 27 Sep 1994 08:33:36
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!emory!

nntp.msstate.edu!martin.cdpa.state.ms.us!martin@network.ucsd.edu
Subject: UNIX to TNC setup
To: ham-digital@ucsd.edu

How do I define the TNC interface to SCO UNIX or Linux? A local user plans to run native unix or linux via TNC and needs to know how to set it up without running NOS under unix.

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Jackson, MS 39201-1495	/		PHONE: (601) 359-2641
			FAX: (601) 354-6016
	/		
	\		

Date: Tue, 27 Sep 1994 15:13:53 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swiss.ans.net!
upsnews.ups.com!casey!nrd1pxm@network.ucsd.edu
Subject: WANTED: PROCOMM shareware src site
To: ham-digital@ucsd.edu

Just tried to download a file using the windows terminal program via Xmodem, and nothing happened! Just timed out! Going to try kermit tonight. In the meantime, can I get a pointer to a source of the shareware version of Procomm please?

Thank you.

=====
Peter Martin UPS Danbury, CT (203) 731-6324 nrd1pxm@nrd.ups.com
Real Life Home: Kent, WA (206) 631-5478 Northwest Region SCCA
#24 ITA '83 Mazda RX7 == '91 RX-7 ragtop == '95 SSC Neon == WD9HAD == SCUBA
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Peter Martin UPS Danbury, CT (203) 731-6324 nrd1pxm@nrd.ups.com
Real Life Home: Kent, WA (206) 631-5478 Northwest Region SCCA
#24 ITA '83 Mazda RX7 == '91 RX-7 ragtop == '95 SSC Neon == WD9HAD == SCUBA

Date: Sat, 24 Sep 94 17:56:26 EDT

From: agate!howland.reston.ans.net!news.sprintlink.net!mv!lmr!rapp@ames.arpa
Subject: X1JR2
To: ham-digital@ucsd.edu

Hi folks,

Apparently there are problems with X1JR2 which result in "node busy" messages and require a reset.

1. Do I understand correctly that there are no further revisions planned?
2. If that is the case, does anyone know if the source code is available and, if so, where?
3. Is anyone else working on the problem?

Thanks, & 73,

Larry W1HJF

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End of Ham-Digital Digest V94 #323
